



PATENT ABSTRACTS OF JAPAN

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YOSHINO TOKUJI(54) ELECTRODE ATTACHING STRUCTURE OF
ELECTROMAGNETIC FLOWMETER

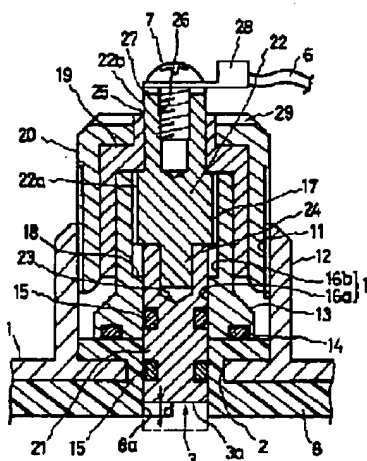
(57) Abstract:

PURPOSE: To surely put an electrode back in its place, where it was after self-cleaning caused by fluid in simple structure and always and constantly set in a quantity of a recess of an electrode contact fluid surface without any movement of an electrode even if a signal lead wire is connected.

CONSTITUTION: When an electrode 3 for engaging and penetrating a holder 13 is advanced by rotation, when a male screw part 22a is brought into contact with a recess quantity control stopper 19 through retreat, a specified quantity of an electrode contact liquid end face 3a is recessed from a measurement pipe inner circumferential face, and when advance is performed and the male screw part 22a is brought into contact with a projection quantity control stopper part 18, the electrode contact liquid end face 3a is projected from the measurement pipe inner circumferential face. Because a screw hole 26 of an electrode outer end face and another screw hole 17 of the holder 13 are

reversely screw-cut on each other, the electrode 3 is not rotated even if a stop screw 7 is tightened when a signal lead wire 6 is connected to and fixed on the electrode outer end face and the quantity of the recess of the electrode contact liquid face 3a is held constant.

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